

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A control panel assembly of a home appliance, the assembly comprising:

a control panel having a curved contour ~~according to a design of the home appliance; and~~

a display panel ~~attached to~~ having a portion that follows the curved contour of said control panel ~~[[,]] ; and~~

~~wherein a fused~~ planar contact between said display panel and said control panel is established ~~through a thermal fusion technique.~~
2. (Currently Amended) The assembly as claimed in claim 1, wherein said display panel is provided with a first interlocking part means along one edge and said control panel is provided with a second interlocking part that receives ~~means for receiving~~ the first interlocking part means.
3. (Currently Amended) The assembly as claimed in claim 2, wherein the first interlocking part means of said display panel is includes a protrusion and the second interlocking part means of said control panel is includes a recess.
4. (Original) The assembly as claimed in claim 3, wherein the protrusion and recess each have a triangular cross-section.

5. (New) The assembly according to claim 2, wherein the second interlocking part is adjacent to the curved contour of said control panel.

6. (New) The assembly according to claim 1, wherein said control panel includes an inclined portion, and wherein the contour of the display panel follows the inclined portion.

7. (New) A control panel assembly of a home appliance, the assembly comprising:
a control panel including a portion having a nonplanar contour; and
a display panel having a contour that follows the nonplanar contour of the control panel;

wherein the display panel is secured to the non-planar portion of the control panel by fused portions.

8. (New) The assembly as claimed in claim 7, wherein the nonplanar contour of said control panel includes a curved contour.

9. (New) The assembly as claimed in claim 7, wherein said display panel is provided with a first interlocking part along one edge and said control panel is provided with a second interlocking part that receives the first interlocking part.

10. (New) The assembly as claimed in claim 9, wherein the first interlocking part of said display panel includes a protrusion and the second interlocking part of said control panel includes a recess.

11. (New) The assembly according to claim 7, wherein the fused portions comprise:
a protrusion disposed on an edge of the display panel that interlocks with a recess of the control panel.

12. (New) The assembly according to claim 7, wherein said control panel includes an inclined portion, and wherein the display panel contours the inclined portion.

13. (New) The assembly according to claim 10, wherein the protrusion and the recess have triangular cross sections.

14. (New) A method for forming a control panel assembly of a home appliance, said method comprising:

providing a control panel including a first interlocking part configured for thermal fusion; and

interlocking the first interlocking part of the control panel with a second interlocking part of a display panel, the second interlocking part being configured for thermal fusion; and

thermally fusing the first and second interlocking parts.

15. (New) The method of claim 14, wherein a portion of the display panel is formed to contour a portion of the control panel.

16. (New) The method of claim 14, wherein the second interlocking part is formed along an edge of the display panel and the first interlocking part is formed along an edge of the control panel.

17. (New) The method according to claim 14, wherein a protrusion is formed on the second interlocking part of said display panel and a recess is formed on a first interlocking part of said control panel.

18. (New) The method according to claim 15, wherein a first curve is formed on the portion of the control panel and a second curve is formed on the portion of the display panel.

19. (New) The method according to claim 18, wherein the second interlocking part is formed adjacent to the curved portion of said display panel.